# **EXHIBIT 9**

```
comment ADJUSTED ODDS RATIOS .
logistic regression var=septout
 with zolonlyt1 rage cntryr rbmi reduc rpar szr diab hbp smoke alcohol infert rr
   ace faany fat1 rel1hx relany
 /categorical=zolonlyt1 rage cntryr rbmi reduc rpar szr diab hbp smoke alcohol i
   nfert rrace faany fat1 rel1hx relany
   /contrast (zolonlyt1)=indicator(2)
   /contrast (rage) = indicator(1)
  /contrast (cntryr)=indicator(4)
  /contrast (rbmi) = indicator(2)
  /contrast (reduc) = indicator(2)
  /contrast (rpar) = indicator(1)
  /contrast (szr) = indicator(2)
  /contrast (diab) = indicator(2)
  /contrast (hbp) = indicator(2)
  /contrast (smoke) = indicator(1)
  /contrast (alcohol) = indicator(1)
  /contrast (infert) = indicator(3)
  /contrast (rrace) = indicator(1)
  /contrast (faany) = indicator(2)
  /contrast (fat1) = indicator(2)
  /contrast (rel1hx) = indicator(2)
 /contrast (relany) = indicator(2)
  /print=ci(95).
```

# **Logistic Regression**

#### **Case Processing Summary**

Unweighted Cases	Unweighted Cases <sup>a</sup>			
Selected Cases	Included in Analysis	6212	39.5	
	Missing Cases	9497	60.5	
	Total	15709	100.0	
Unselected Cases		0	.0	
Total		15709	100.0	

a. If weight is in effect, see classification table for the total number of cases.

## 

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## **Dependent Variable Encoding**

Original Value	Internal Value
.00	0
1.00	1

#### **Categorical Variables Codings**

					Pa	arameter codin	g		
		Frequency	(1)	(2)	(3)	(4)	(5)	(6)	(7)
cntryr	1.00 boston early	321	1.000	.000	.000	.000	.000	.000	.000
	2.00 phil early	225	.000	1.000	.000	.000	.000	.000	.000
	3.00 toronto early	415	.000	.000	1.000	.000	.000	.000	.000
	4.00 boston late	2883	.000	.000	.000	.000	.000	.000	.000
	5.00 phil late	1054	.000	.000	.000	1.000	.000	.000	.000
	6.00 toronto late	766	.000	.000	.000	.000	1.000	.000	.000
	7.00 san diego	489	.000	.000	.000	.000	.000	1.000	.000
	8.00 ny & mi	59	.000	.000	.000	.000	.000	.000	1.000
rage	1.00 It 25	1198	.000	.000	.000				
	2.00 25-29	1650	1.000	.000	.000				
	3.00 30-34	2243	.000	1.000	.000				
	4.00 35+	1121	.000	.000	1.000				
rbmi	1.00 underweight	312	1.000	.000	.000				
	2.00 normal	3909	.000	.000	.000				
	3.00 overweight	1254	.000	1.000	.000				
	4.00 obese	737	.000	.000	1.000				
rrace	1.00 white	4839	.000	.000	.000				
	2.00 black	419	1.000	.000	.000				
	3.00 hispanic	665	.000	1.000	.000				
	4.00 Asian, Pacific Islander	289	.000	.000	1.000				
infert	1.00 treated	431	1.000	.000					
	2.00 untreated	211	.000	1.000					
	3.00 not infertile	5570	.000	.000					

## **Categorical Variables Codings**

					Pa	arameter codii	ng		
		Frequency	(1)	(2)	(3)	(4)	(5)	(6)	(7)
alcohol	1.00 never	2525	.000	.000					
	2.00 before preg	2942	1.000	.000					
	3.00 during preg	745	.000	1.000					
smoke	1.00 never	3520	.000	.000					
	2.00 before preg	1564	1.000	.000					
	3.00 during preg	1128	.000	1.000					
reduc	1.00 It hs	481	1.000	.000					
	2.00 hs	1176	.000	.000					
	3.00 some college+	4555	.000	1.000					
rpar parity	1.00 1	1918	.000	.000					
	2.00 2	1987	1.000	.000					
	3.00 3+	2307	.000	1.000					
relany	1.00	1744	1.000						
	2.00	4468	.000						
szr	1.00	29	1.000						
	2.00	6183	.000						
diab	1.00	311	1.000						
	2.00	5901	.000						
rel1hx	1.00	755	1.000						
	2.00	5457	.000						
fat1 facEXP2	1	5815	1.000						
	2	397	.000						
faany facEXP1	1	5989	1.000						
	2	223	.000						
hbp	1.00	612	1.000						
	2.00	5600	.000						
zolonlyt1	1.00	54	1.000						
	2.00	6158	.000						

**Block 0: Beginning Block** 

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#### Classification Table<sup>a,b</sup>

			Predicted			
			septout Pero		_	
			sep	เดนเ	Percentage	
	Observed		.00	1.00	Correct	
Step 0	septout	.00	5209	0	100.0	
		1.00	1003	0	.0	
	Overall Percentage				83.9	

a. Constant is included in the model.

#### Variables in the Equation

		В	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.647	.034	2282.538	1	.000	.193

#### Variables not in the Equation

			Score	df	Sig.
Step	Variables	zolonlyt1(1)	1.485	1	.223
0		rage	3.260	3	.353
		rage(1)	.450	1	.503
		rage(2)	.762	1	.383
		rage(3)	1.157	1	.282
		cntryr	542.192	7	.000
		cntryr(1)	35.351	1	.000
		cntryr(2)	5.469	1	.019
		cntryr(3)	16.032	1	.000
		cntryr(4)	237.685	1	.000
		cntryr(5)	28.968	1	.000
		cntryr(6)	2.379	1	.123

b. The cut value is .500

## Variables not in the Equation

			Score	df	Sig.
Step	Variables	cntryr(7)	5.297	1	.021
0		rbmi	24.976	3	.000
		rbmi(1)	.172	1	.679
		rbmi(2)	.309	1	.578
		rbmi(3)	24.063	1	.000
		reduc	15.539	2	.000
		reduc(1)	4.442	1	.035
		reduc(2)	15.477	1	.000
		rpar	1.081	2	.583
		rpar(1)	.528	1	.468
		rpar(2)	.062	1	.803
		szr(1)	1.841	1	.175
		diab(1)	30.252	1	.000
		hbp(1)	3.954	1	.047
		smoke	6.117	2	.047
		smoke(1)	2.166	1	.141
		smoke(2)	5.355	1	.021
		alcohol	33.507	2	.000
		alcohol(1)	22.720	1	.000
		alcohol(2)	22.520	1	.000
		infert	2.413	2	.299
		infert(1)	2.397	1	.122
		infert(2)	.041	1	.839
		rrace	4.454	3	.216
		rrace(1)	3.891	1	.049
		rrace(2)	.266	1	.606
		rrace(3)	.190	1	.663
		faany(1)	2.195	1	.138
		fat1(1)	5.676	1	.017
		rel1hx(1)	11.472	1	.001
		relany(1)	8.687	1	.003
	Overall Statistics		625.457	34	.000

## **Block 1: Method = Enter**

#### **Omnibus Tests of Model Coefficients**

		Chi-square	df	Sig.
Step 1	Step	662.243	34	.000
	Block	662.243	34	.000
	Model	662.243	34	.000

#### **Model Summary**

Chara	-2 Log	Cox & Snell	Nagelkerke R
Step	likelihood	R Square	Square
1	4830.231 <sup>a</sup>	.101	.172

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

#### Classification Table<sup>a</sup>

				Predicted	
			sep	tout	Percentage
	Observed		.00	1.00	Correct
Step 1	septout	.00	5185	24	99.5
		1.00	981	22	2.2
	Overall Percentage				83.8

a. The cut value is .500

## Variables in the Equation

								95.0% C.I.1	or EXP(B)
		В	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper
Step	zolonlyt1(1)	.686	.360	3.643	1	.056	1.986	.982	4.019
1	rage			.114	3	.990			
	rage(1)	.024	.118	.041	1	.840	1.024	.813	1.289
	rage(2)	.040	.120	.108	1	.742	1.040	.822	1.316
	rage(3)	.037	.140	.069	1	.793	1.037	.789	1.364
	cntryr			431.653	7	.000			
	cntryr(1)	2.026	.174	135.611	1	.000	7.585	5.393	10.667
	cntryr(2)	1.645	.207	63.092	1	.000	5.179	3.452	7.772
	cntryr(3)	1.784	.165	117.491	1	.000	5.953	4.312	8.219
	cntryr(4)	2.168	.110	392.049	1	.000	8.744	7.055	10.837
	cntryr(5)	1.810	.123	215.058	1	.000	6.110	4.797	7.781
	cntryr(6)	1.446	.150	92.834	1	.000	4.248	3.165	5.701
	cntryr(7)	1.939	.312	38.726	1	.000	6.955	3.776	12.811
	rbmi			10.172	3	.017			
	rbmi(1)	.006	.167	.001	1	.973	1.006	.725	1.394
	rbmi(2)	022	.096	.054	1	.815	.978	.811	1.179
	rbmi(3)	.333	.110	9.111	1	.003	1.396	1.124	1.733
	reduc			5.903	2	.052			
	reduc(1)	.026	.151	.030	1	.863	1.027	.763	1.381
	reduc(2)	218	.098	4.885	1	.027	.805	.663	.976
	rpar			3.988	2	.136			
	rpar(1)	169	.094	3.222	1	.073	.844	.702	1.016
	rpar(2)	165	.097	2.909	1	.088	.848	.702	1.025
	szr(1)	-1.171	.751	2.430	1	.119	.310	.071	1.352
	diab(1)	.720	.147	23.992	1	.000	2.054	1.540	2.740
	hbp(1)	.114	.119	.923	1	.337	1.121	.888	1.415
	smoke			.689	2	.708			
	smoke(1)	041	.092	.197	1	.657	.960	.801	1.150
	smoke(2)	.053	.101	.275	1	.600	1.054	.865	1.284
	alcohol			1.314	2	.518			
	alcohol(1)	096	.088	1.209	1	.272	.908	.765	1.078

## Variables in the Equation

								95.0% C.I.for EXP(B)	
		В	S.E.	Wald	df	Sig.	Exp(B)	Lower	Upper
Step 1	alcohol(2)	017	.147	.013	1	.910	.983	.737	1.312
	infert			4.372	2	.112			
	infert(1)	.295	.142	4.306	1	.038	1.343	1.016	1.774
	infert(2)	.085	.207	.169	1	.681	1.089	.726	1.633
	rrace			2.474	3	.480			
	rrace(1)	180	.149	1.461	1	.227	.835	.624	1.118
	rrace(2)	.094	.136	.485	1	.486	1.099	.843	1.434
	rrace(3)	046	.184	.062	1	.804	.955	.665	1.371
	faany(1)	.151	.264	.327	1	.568	1.163	.693	1.952
	fat1(1)	163	.202	.654	1	.419	.849	.572	1.262
	rel1hx(1)	.250	.133	3.505	1	.061	1.283	.988	1.667
	relany(1)	.172	.101	2.886	1	.089	1.188	.974	1.449
	Constant	-2.856	.242	139.598	1	.000	.058		

a. Variable(s) entered on step 1: zolonlyt1, rage, cntryr, rbmi, reduc, rpar, szr, diab, hbp, smoke, alcohol, infert, rrace, faany, fat1, rel1hx, relany.